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## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b) I hereby appoint: Practitioners associated with the Customer Number: Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Registration Name Registration Number Number 20.177 Richard S. Wesorick 40.871 Thomas L. Tarolli 43.941 Richard A. Sutkus 20.127 Robert B. Sundheim 24,042 Matthew M. Shaheen 45,367 Calvin G. Covell Gary J. Pitzer 39,334 29,709 Barry L. Tummino 36,029 Christopher P. Harris 43,660 James L. Tarolli as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: 26,294 X The address associated with Customer Number. ORFirm or Individual Name Address State City Country Fax Telephone Assignee Name and Address: Case Western Reserve University 10900 Euclid Avenue Cleveland, OH 44106 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee Date 7-21-05 Signature Telephone (216) 368-6124 Dominick R. Frollini Name

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the bublic which is to file land by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Assistant Vice President Technology Transfer Office

Title

Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT UNDER 37 CFR 3.73(b)	
Applicant/Patent Owner: Stanton L. Gerson	•
Application No./Patent No.: 09/321,655 Filed/Issue Date: May 28, 1999	
Entitled: HEMATOPOIETIC PROGENITOR CELL GENE TRANSDUCTION	
Case Western Reserve University , a University (Name of Assignee) , a (Type of Assignee, e.g., corporation, partnership	ty p, university, government agency, etc.)
states that it is: 1. $\boxed{X}$ the assignee of the entire right, title, and interest; or	
2. an assignee of less than the entire right, title and interest.  The extent (by percentage) of its ownership interest is%	
in the patent application/patent identified above by virtue of either:	
AXAn assignment from the inventor(s) of the patent application/patent identified above. The in the United States Patent and Trademark Office at Reel 010274, Frame 088 thereof is attached.	assignment was recorded 86, or for which a copy
OR  B. A chain of title from the inventor(s), of the patent application/patent identified above, to the below:	ne current assignee as shown
From: To: To: The document was recorded in the United States Patent and Trademark Office at	
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3. From: To:	
The document was recorded in the United States Patent and Trademark Office at	
Reel, Frame, or for which a copy thereof	is attached.
Additional documents in the chain of title are listed on a supplemental sheet.	
Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the MPEP 302.08]	e submitted to Assignment records of the USPTO. <u>See</u>
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.	12/19/06
Signature	Date
Robert N. Lipcsik	(216) 621-2234
Printed or Typed Name	Telephone Number
Agent, Reg. No. 44,460	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.